

ABSTRACT OF THE DISCLOSURE

- 5 A footwear manufacturing system for providing an efficient and economical system for manufacturing affordable custom footwear. The footwear manufacturing system includes measuring a foot, creating a foot profile, transmitting the foot profile to a manufacturing station, utilizing the foot profile to generate a positive impression within a mold, and injecting the mold with a liquid forming about the positive
- 10 impression and hardening. Various foot measuring techniques may be utilized to create the foot profile. The manufacturing station preferably utilizes a mold utilizing a plurality of adjustable pins that manipulate a membrane within the mold to create the positive impression.

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☐ **10. Footwear Manufacturing System**

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- ☐ 12. Internet
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☐ **20. Scanner**

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☐ **30. Manufacturing Station**

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☐ **40. Mold**

- ☐ 41.
- ☐ 42. Upper Portion
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- ☐ 44. Lower Portion
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- ☐ 46. Cavity
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☐ **50. Membrane**

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☐ **60. Forming Unit**

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- ☐ 62. Pins
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☐ **70. Custom Insole**

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